Undated. General (NS-Undated-001)

Bank of Application
for [illegible]

Ethereal force

The object of this invention is to transmit intelligence over metalic wires of indefinite lengths.

The invention consists first in the discovery in physics of a new force, power or mode of motion, capable of performing work which is neither heat light electricity or magnetism, and the application of such discovered force to an instrument capable of indicating at pleasure to the senses

the presence or absence of force generated from Electricity or magnetism by and of almost all kinds of apparatus with which is capable of generating the same or indirectly either

Tabell discribes several methods by which this force of nature, may be generated

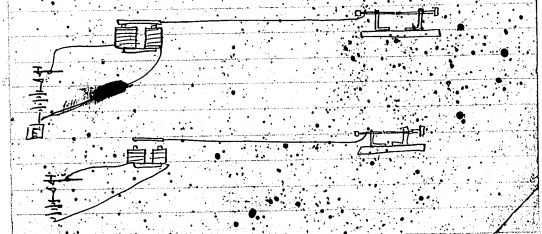
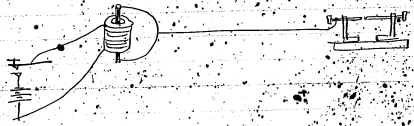
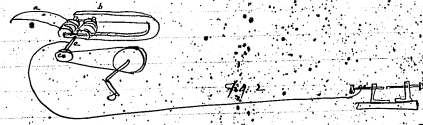
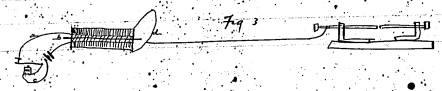
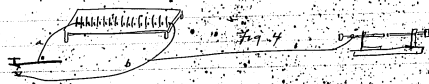


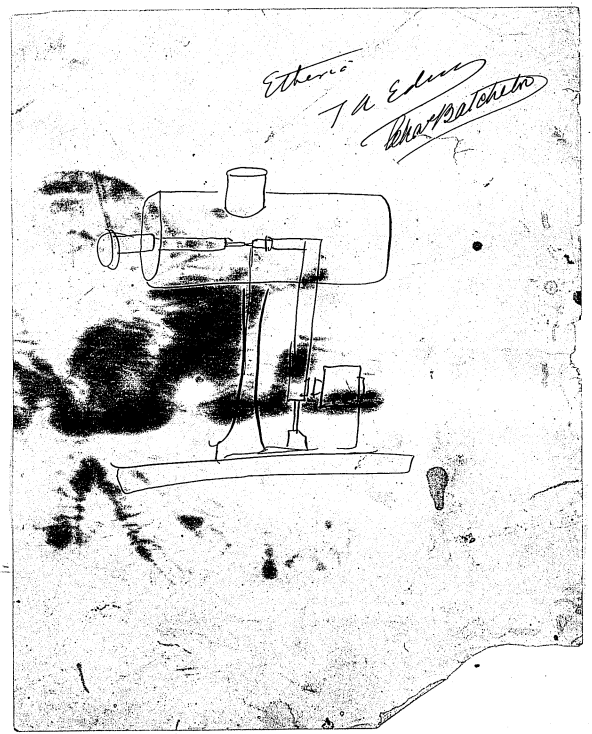
Fig. 1

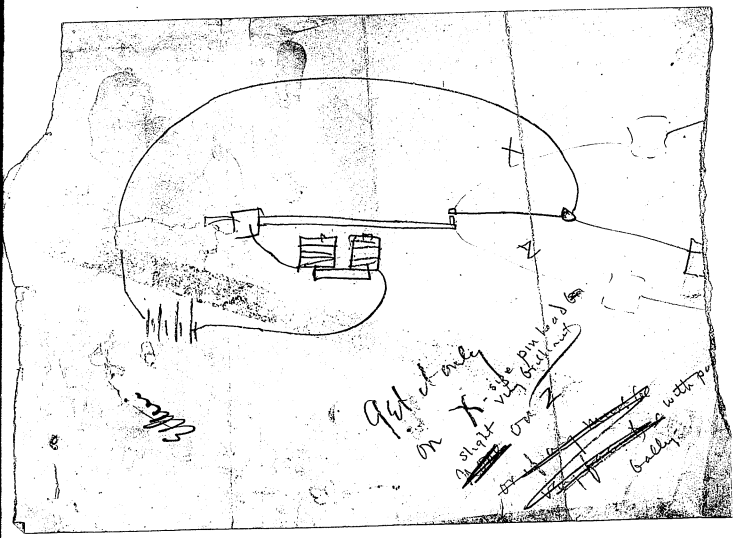






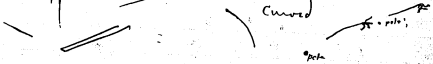



Etherico
T. A. Edison
Charles Batchelor


Qty 4 only
on X-side
slight over Z

Lead + Wolst Spg –

Seem to be more scints than on iron. the prongs are all short + do not spread out like on iron, the prongs seem spr. Short on Copper Charcoal iron, nothing other the appearance of a scint,

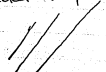


Copper on iron. no forked scints yet if I lay a watch spring on iron + brush Copper to it I get the forked scint. = peculiarity scints of Cu on plate iron short out $\frac{a}{10}$ of them below angle δ of

Copper + Aluminum

aluminum scint + X dull –

Cop + Nickel – Very dull scints but few



some of them at ½ meant pole very dull least half bright

there is other peculiarities about these I can't comment time to investigate

Walsh spg on Zinc

of iron
I do not see any Zinc scent & notice that the forks are smaller although they shoot out apparently as far apparently as many scents as on iron =
Characteristic iron scents are mostly below 45°
while Zinc scents are mostly above this

Walsh spg + Tin –

Iron scents then 8 + 11 also notice & unpleasant fume long nickel scents – but not sp. shooting as nickel
Only got little tin on hand Emq have to buy this expert again

Walsh spg + Platinum

Chart

(Left hand line full red x point out & bright)

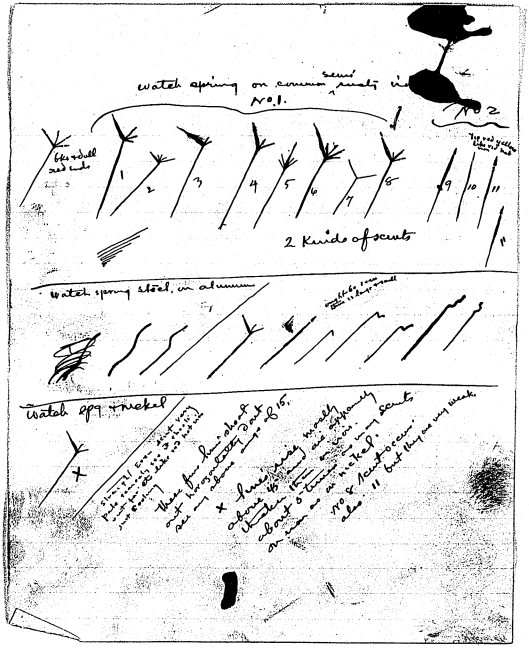
Iron scents there

Charlie
iron fairly right
point
have pulled out 3
pairs of forks (15) of 3
forks (15) and full iron
forks (15) and
duff
shoot like

See they are iron
guess didn't notice before

do on Silver
notice that scent shoots out + has no stalk you must see the prongs appear one inch or so from the central column
those that visibly appear apparently have a 2g prong,

do Copper don't notice anything peculiar
Shows same explosion or appearance as in August above


watch spring on common steel
No. 1.
2
2 kinds of scouts
watch spring steel, in aluminum
watch spring wrecked

(1)

Idea to have several tuning forks and surround them with Helmholtz Resonators to the fine or superior forks strings and surround them,

Or surround the ends with the helix and Vibrate them Carefully by observing the Curve of Certain strength the tone will be obtained upon reading by that,

use substitute of Lead 4 to Cl

Hg

Permang. K. an organic sub + Chl. K. the alkali K set free allows organic matter reduce Permk. to green mark. use sugar

Rehardsdale Autograph

Acetate or Dobroblesalt

Hg - wet paper Grease lay on tin foil. the metallic Hg reduced amalgamate with foil & when rubbed takes foil with it. leaves indentation also useful engraving process.

CJJ

An alkaline Nitrite

Ferro. K. acetic a-boil
add =
Ammonium Sulphide
Wet paper blue mark
very sensitive,
to the Nitrous a of the
Nitrite that does it

Watts Sup 2nd. p 854

Diamido benzoic Sulphate
a Nitrite. Selph Sol
detects 1 pt of Nitrous a
in 5 million — Watts
2nd Sup p 854

[5]

Make a bath of Molten
lead. immerse two
Carbon or platina Electrodes
Connect on a powerful
& quantity battery
(1st) 40 cells 1/2 Galtry
all Connected as 1
Cell - See if cant
decomp it. also try
Zinc ammonium Cl =
also try molten Ag
See if it dont take it
out of pb -

[4]

No 59-284 For B Snow 679

Lewis Beff & Wm - Drate Plugging Instrument - The plugging tool presses against the filling in the bore, previous to the case makes the final stroke imparting its motion to the lifting bar and hammer until the bar passes the inclined edge of the wedge which releases the hook on the catch and releases the hammer which descends under the influence of the ~~spring~~ ~~the force~~ ~~is~~ ~~adjusted by~~ ~~devices~~ operated by an exterior hand

Claim - First - Causing the tool holder to recede from the hammer sufficiently after a blow is given, in order to obtain a distance between the hammer & the head of the tool holder for a new blow substantially as described. - Second - placing a spiral spring G in the top of the case to act upon the hammer in combination with either the ~~a guiding stopper I or screw D~~ for the purpose of causing the hammer to give heavier or lighter blows as required

Third - The combination of the Ring K and stop screw S and C clear as for the purpose and substantially as set forth -

Fourth - Combining the lifting bar D with a short arm bent combination rock or ~~decreasing~~ lever L upper end of the tool holder [illegible] d. and with

Newark. N. J. March 11 1876.

Mrs. Libbie Card & Co.

EXTRA
CONDIT, HANSON & CO.
EXTRACTS
LOGWOOD
LOGWOOD
TRADE MARK

BOUGHT OF **CONDIT, HANSON & Co.,**

IMPORTERS AND MANUFACTURERS OF, AND DEALERS IN

Acids, Alkalies, Dye Stuffs, Shellac, Alcohol, &c.,

C. HARRISON CONDIT,
JOSEPH HANSON,
ABRAHAM VAN WINKLE.

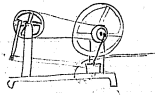
236 MARKET ST., COR. MULBERRY.

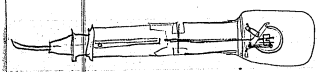
18" Oil Vitriol		5	90
a notch or shoulder at its upper end as shown at d 3 to allow it to engage with the steps L L' on the hammer for the purpose of forming a direct connection between the lead holder and hammer substantially as set forth			

List of Patents issued on the United States for Dental Pluggers or maletts.

Year	Number		
1865		50.428	
1866	"	58.257	
1866.	"	59 284	
1867.	"	59 784	
1868	"	61 460	
1867.		79 270	
1869		67 114	mechanical
1869		90 879	
1869		91 849	
1872		125 482	
1872		130.954	
1872		131 123	
1873		145. 057	
1874		156 945	
1873		146 380.	
1874-5-6.		158. 888	
		158 863	
		170 045.	Electric — Bonwill
		170 129	
		189 028	Electric — Green
		166 843	Electric Bishop
		161 393	
		166 702	
		163 412	
		163 306	
		164 244	
		165 701	
		166 709	mechanical
		166 700	
		167 197	
		166 139	
		171 170	
		171 119	Electric
		171 121	Electric — Green
		171 123	Electric
		173 619	Electric
		173 864	Electric. — Potts

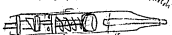
91849 =





90879.

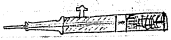
156945 With Mr Schumacher's



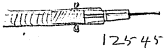
accessories to US Catalog.

159,173

67114



146 380



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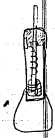

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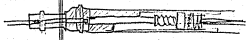
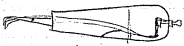
158 888



131 123

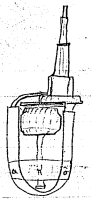
158 863



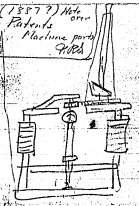
145051

(1887) Note on Patents Machine parts Tools

167203
Same rest

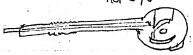


159 028
Drill
assigned White by Green

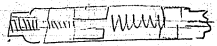


166 843
Bishop & White

161 393



166 752
Ld same assignors

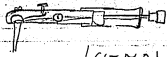


163 412

163 306

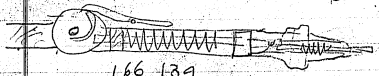
164 244

166 709 + 166 710
Mechanical plunger
Same rest



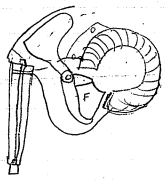
165 701

167197
Same rest

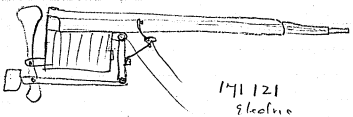


166 139

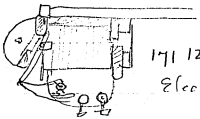
171 170
Davis Chair



171 119.
Electric

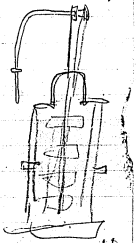


171 121
Electric

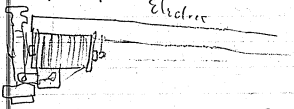


171 123,
Electric

Polit
173864

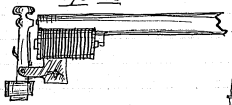


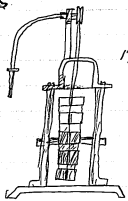
173 619.
Electric



173893
Gynecological Chair

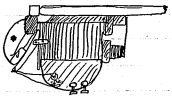
173. 619



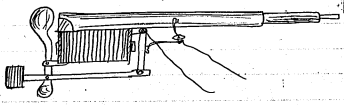


173. 864.
Serie = Skala

171. 123.



171. 121.



1861

33.485	Reducing Copies of Engravings
33.598	
33.566	
~~97.375~~	

1869

90.388	
91.849	
97.868	Drill for holy pivot holes
93.563	
93.625	
94.014	
89.835	
93.689	
97.241	Electric fuse
97.571	Inst for describing Spiral lines
92.066	
96.332	
88.061	
96.395	Transmitting Rotary motion
85.580	Paper Ruling
90.879	
92.028	Dental apparatus
92.657	

1857

[redacted]	Copying Surfaces by Electricity (Blanchard)
17.146	Mach for Eng. designs on Watch cases
17.290	" " on Cylinders

108

3 copy machine

1865. Vol II

Multiply by Cyp. ACFN Dec 31 Decton 73.574. 1868.

74.629	1868	
79.270	"	
81.452	"	
79.819	"	
79.901	"	
78.619	"	77.370
78.629	"	76.161
80.463	"	76.965
83.708	"	
81.986	" Flexible abrador	
79.286	" Electric fuse	
75.544	" Spiral gearing	
77.231	"	
74.376	"	
76.432	"	
74.337	"	
82.674	"	
79.624	"	
79.927	" paper rolling machines	
84.390	"	
73.669	rolling machines "	
82.834		
75.544	Spiral gearing "	

1867

66.330	Explosive for Projectiles & Cartridges [illegible]
63.709	"
62.504	"
61.466	
71.595	Dressing Drest
71.361	Dental Pulp
60,466	
62,352	Engine
63.380	
69.880	
70.553	Eng, Mach
72.582	Printing devices in Engr, &c
70.281	Rolling Mill
60.665	Paper mills by Organization
61.382	
68.571	Paper mills & Machines
70.715	
70.925	

1864

63.262	Spring Bed
71,950	Tooth plugger
41.927	Electric Machine
45.224	Eng. engine
42.538	Relief plates

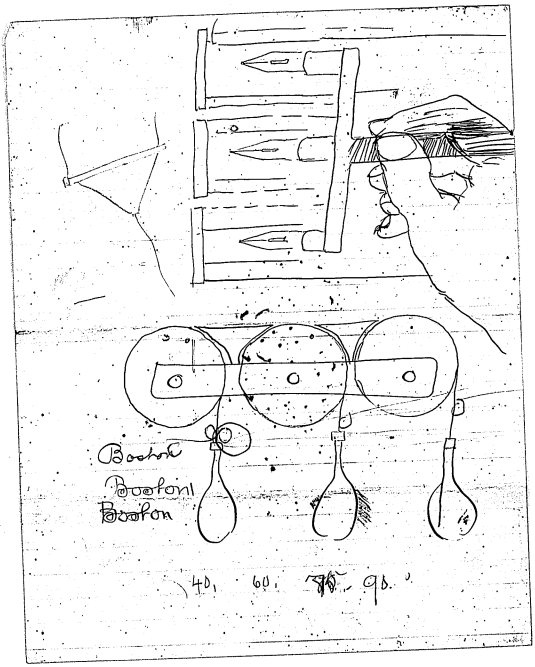
1855

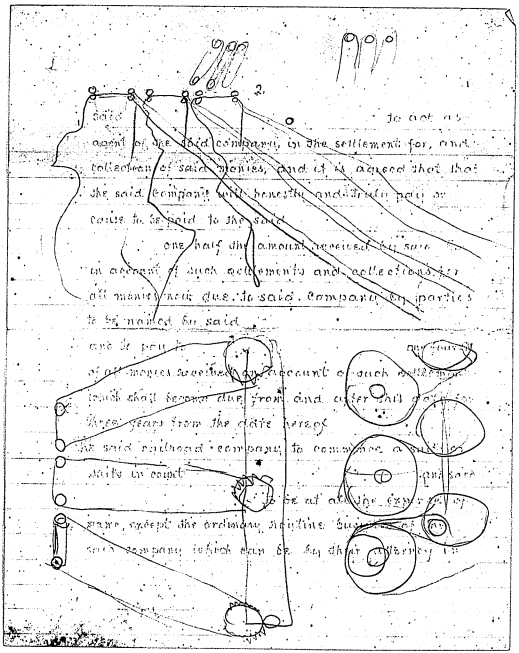
Aug 1854	Electric Engine
15596	Elec engine 1855
16175	Electric Engine
14682	Elec Engine
14598	

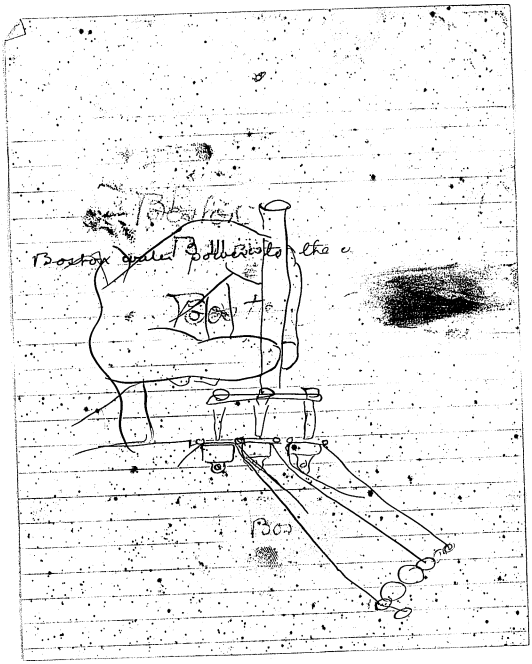
over

1870 (automatic)

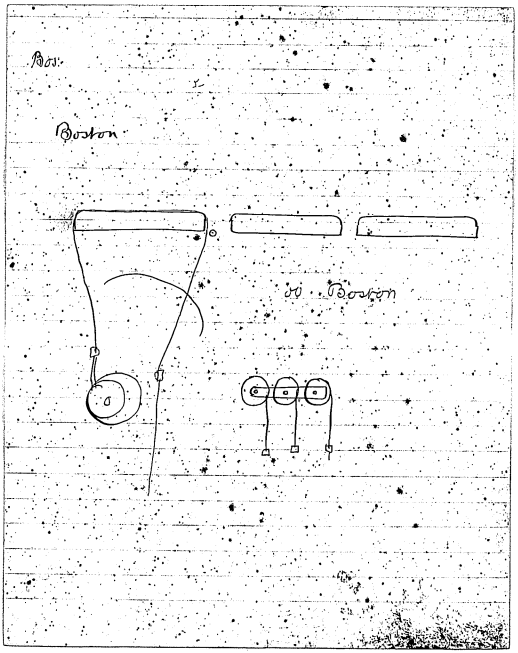
99300
99414


Bourbon
Bourbon
Bourbon
40. 60. 90.





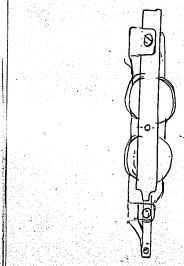
3000
6180
9360
12720
16440
19880
23760
27520
30000
6180
9360
12720
16440
19880
23760
27520
30000


Box.
Boston
Boston

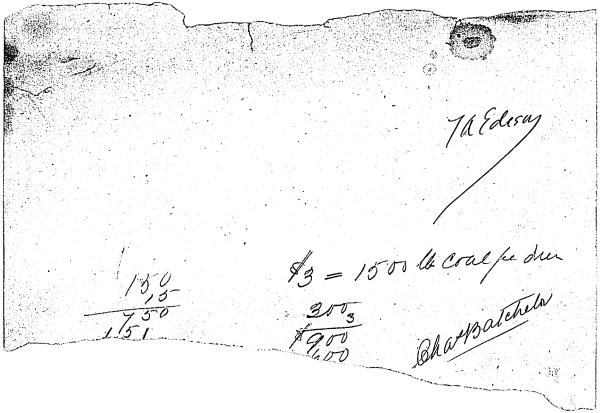
Feeling Vibration of tuning fork on palm hand

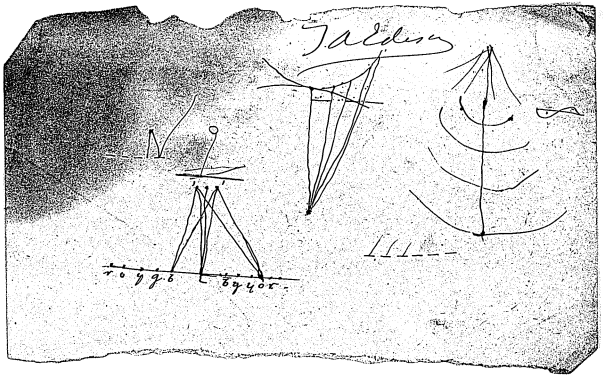
Phenomena

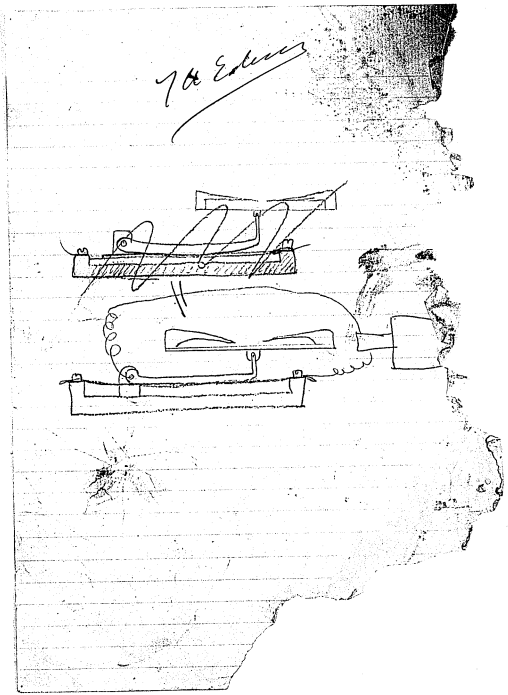
If you write on smooth paper with ink & look through it, you can see it. If you look through a tube or magnifying glass close to paper, the tube prevent the reflection of light from surface of the paper

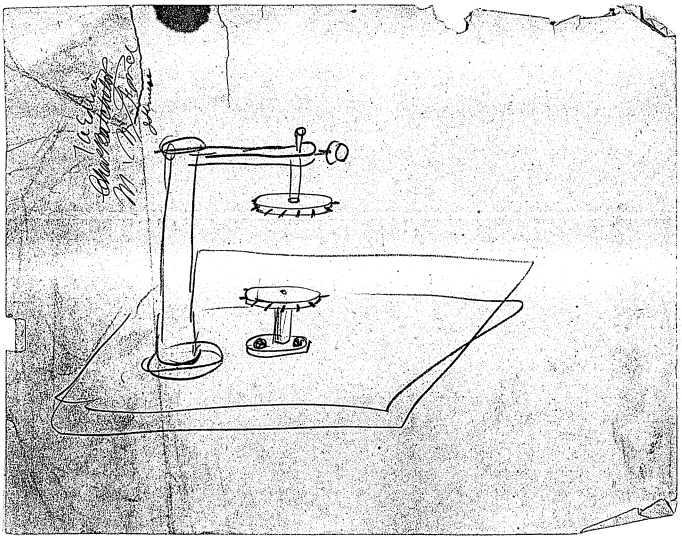


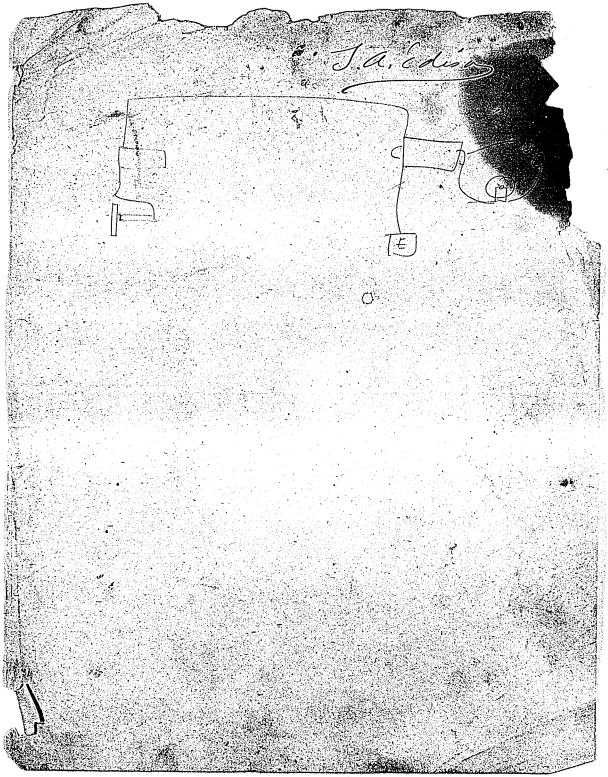
Reed pen
T.A. Edison

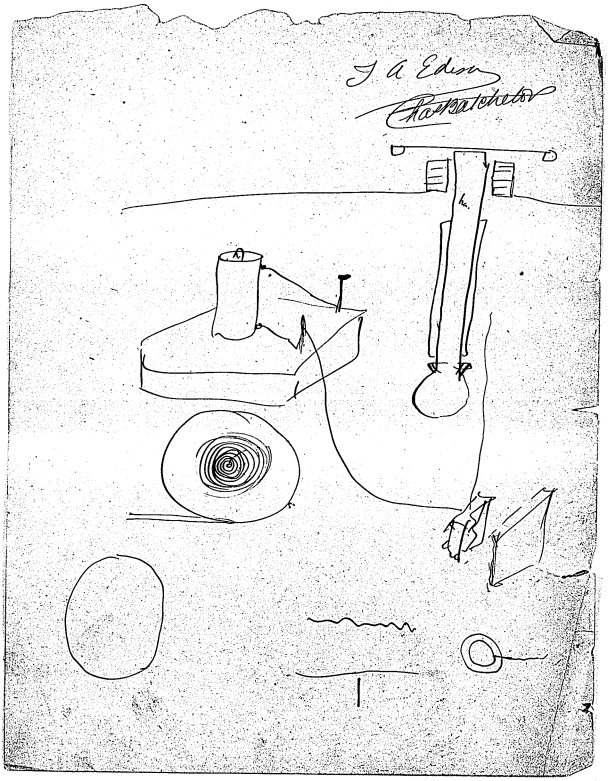

T A Edison
150
15
1650
1651
$3 = 1500 lb coal per day
200
$600.00
Champsatchela

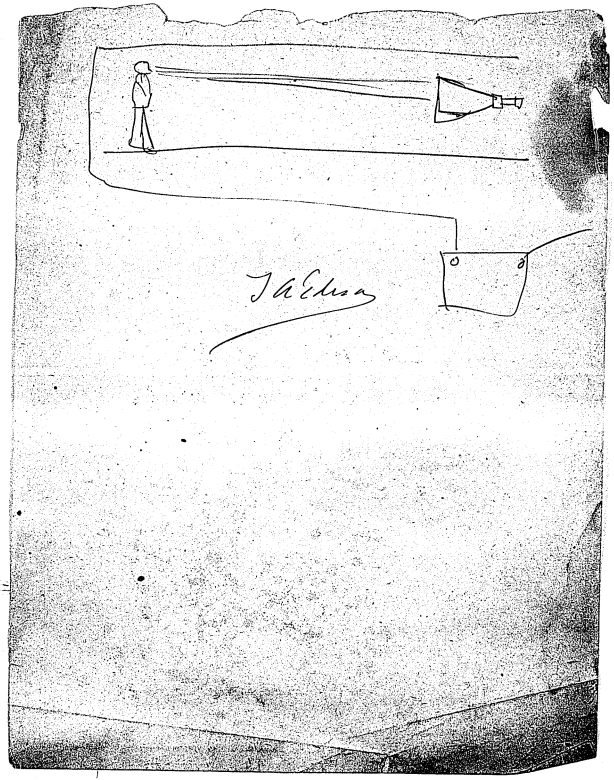

T A Edison

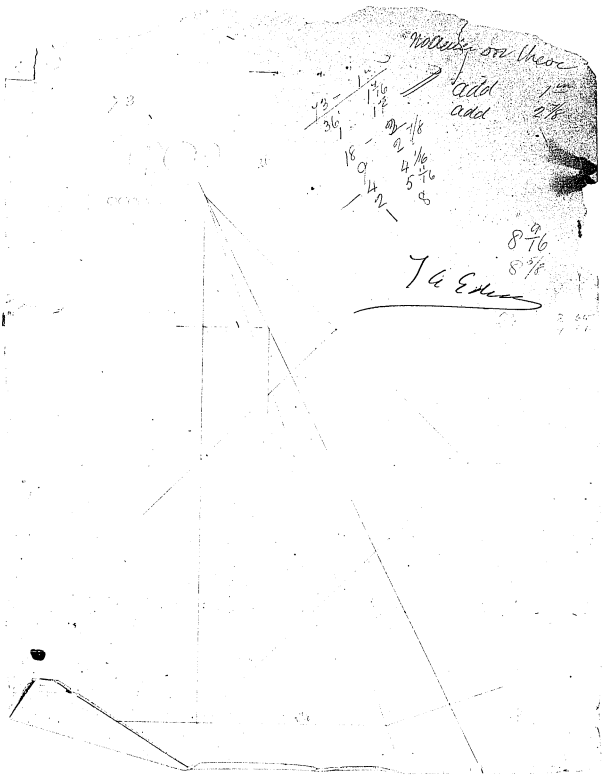


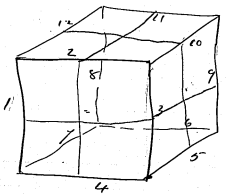



T. A. Edison
E

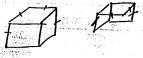

T. A. Edison
Carbonizator


T A Edison


add
add
8 9/16
8 5/8

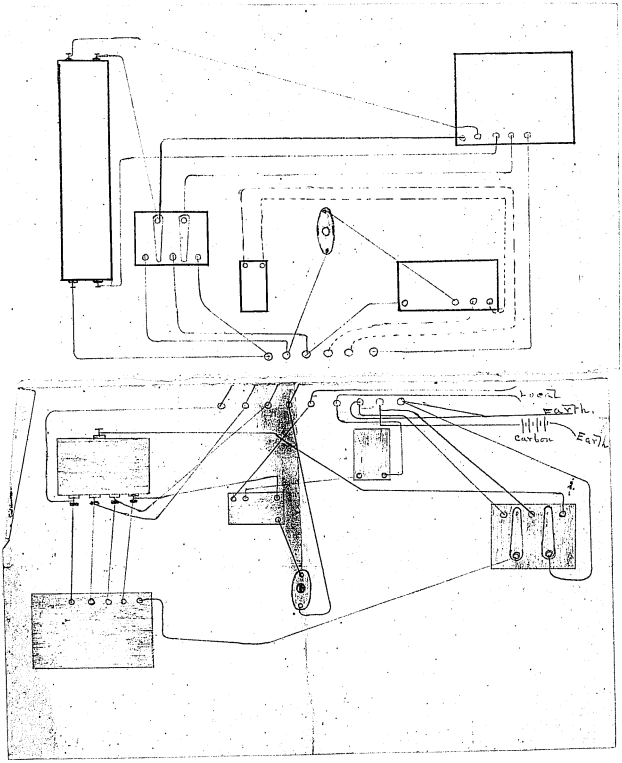


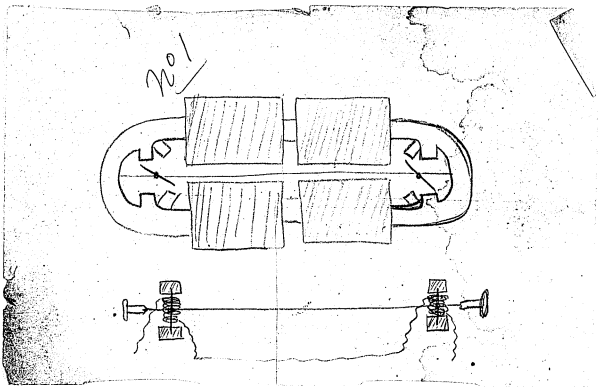
1–8

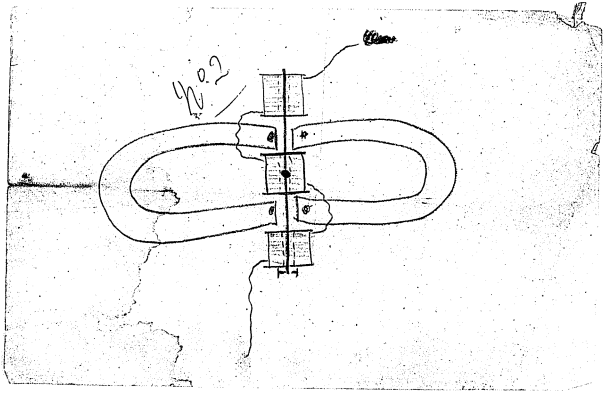


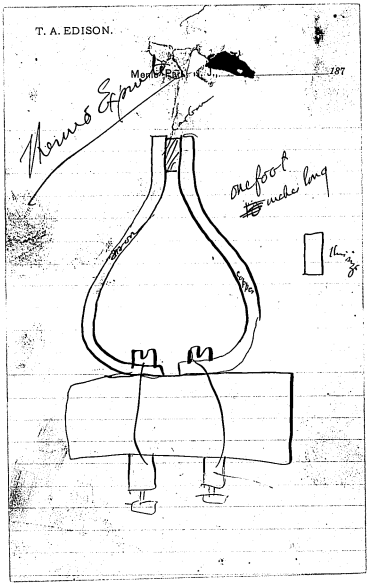
24
12

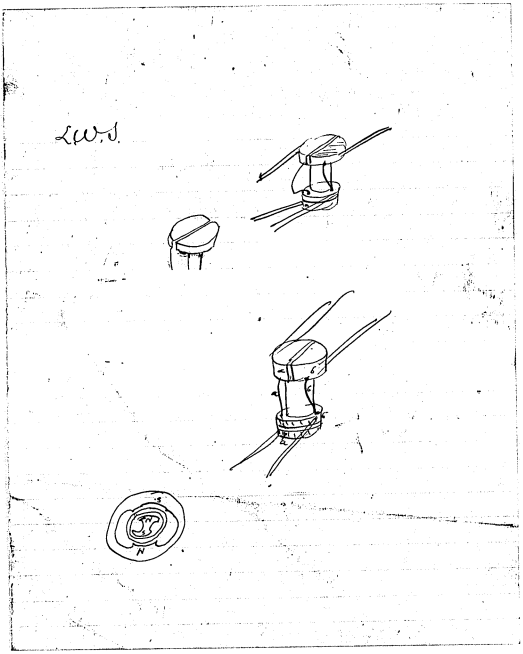
12


Local
Earth.
Carbon
Earth


N°1


N°2

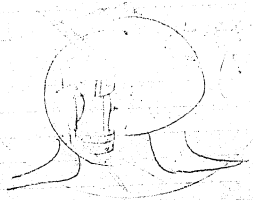

T. A. EDISON.
187
Thomas Edison
one foot
Platinum
Platinum

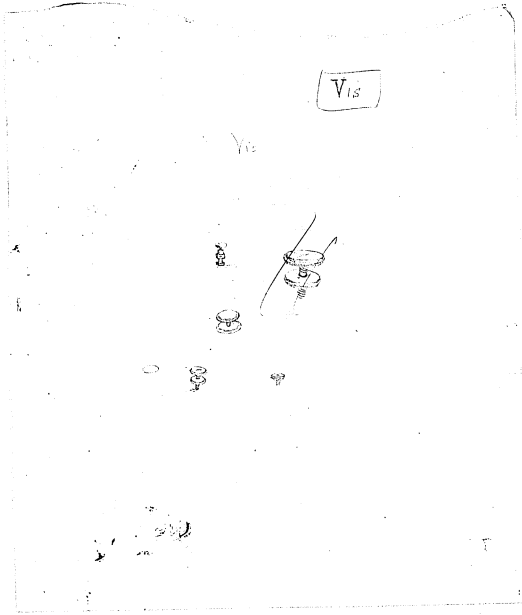

L.W.S.

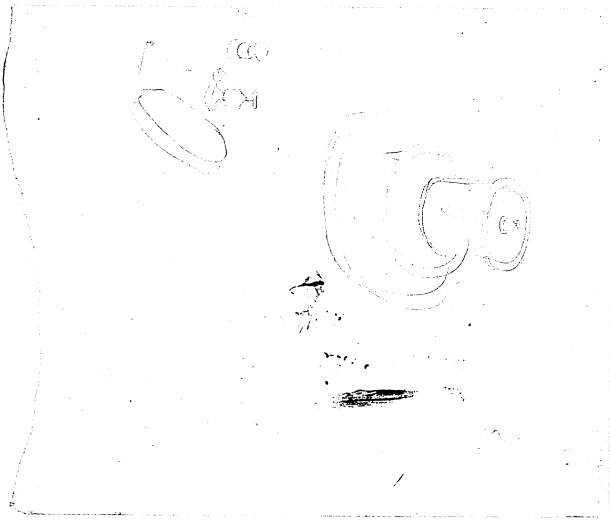
1 piece to turn up 16 inch long and 5" thick

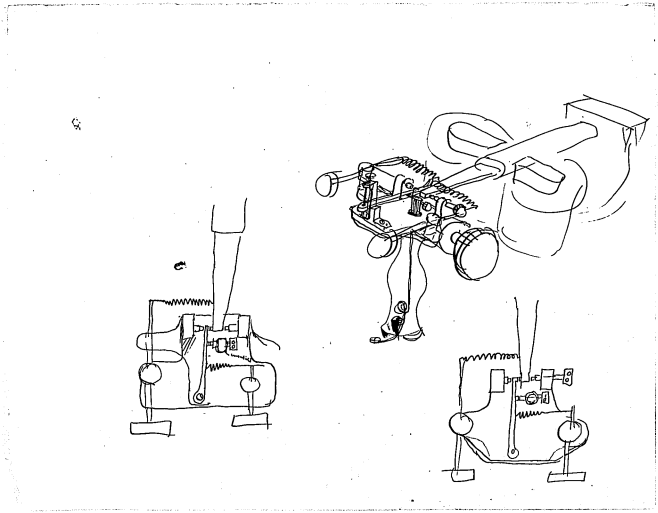
12 inch circle ½ thick

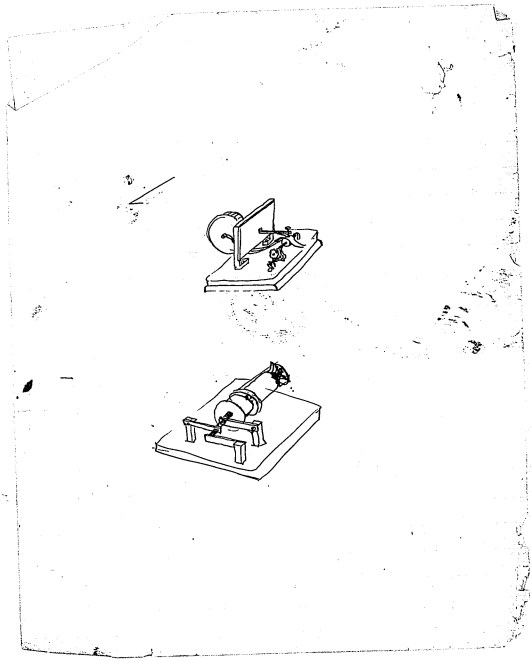
~~12 in circle ½ thick~~

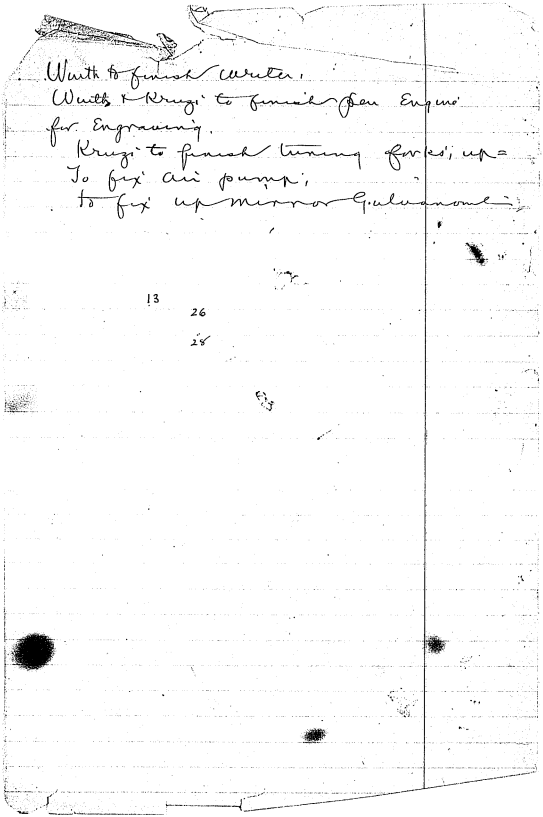



V16








Wurth to finish Winter.
Wurth & Krug to finish Jan Engine
for Engraving.
Krug to finish turning Forks, up=
To fix Air pumps,
to fix up Mirror Galvanometer.
13
26
28

Skeleton, 1.C.

T. A. EDISON.

Kruesi

Menlo Park, N. J., 187

Things for Barker

1 Phonograph

1 Table with reels for receiver; with paper — (The must be tested for receiver the only wax receiver)

1 Motograph bell

New diaphragm on voltameter same as old one and send also.

Send some paper (ferrod) to Rud also —

C Batchelor

Kruesi

Will you bore this coil as large as you dare and put it on this large base. Run the two big wires to two of those large connectors you made: — and the secondary coil which is double to four bind posts on the other end as we started I should have finished I suppose but I got a letter from the Cable and it has made me sad.

T. A. EDISON.

Menlo Park, N. J., 187

Krusi

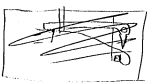
Will you see that Sheridan is kept busy at sifting the Lampblack if he dont do more of that we must get some one else in his place

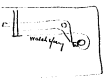
Will you get the Johnson transmitter or any thing there is towards one of ours and see about fixing me up for Barker

T. A. EDISON.

Menlo Park, N. J., 187

Krusi fix up the 4 lever box instrument on ~~bracket~~ small piece wood & show Jacewood & wale for patent Office & put a small watch spring from bottom of lever & base as Batchelor





O. K

T. A. EDISON.

Menlo Park, N. J., 187

Mr. Emery

The lever of the machine was so stiff we could not move it. It bent on us.

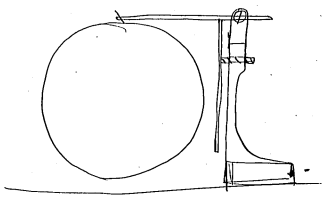
Be sure that the centers are always free.

Jackson's 6 spring instrument wants a center expansion rod two sizes larger than the one he had in.

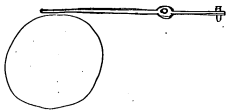
Also take off the small springs on the levers the double points are a failure

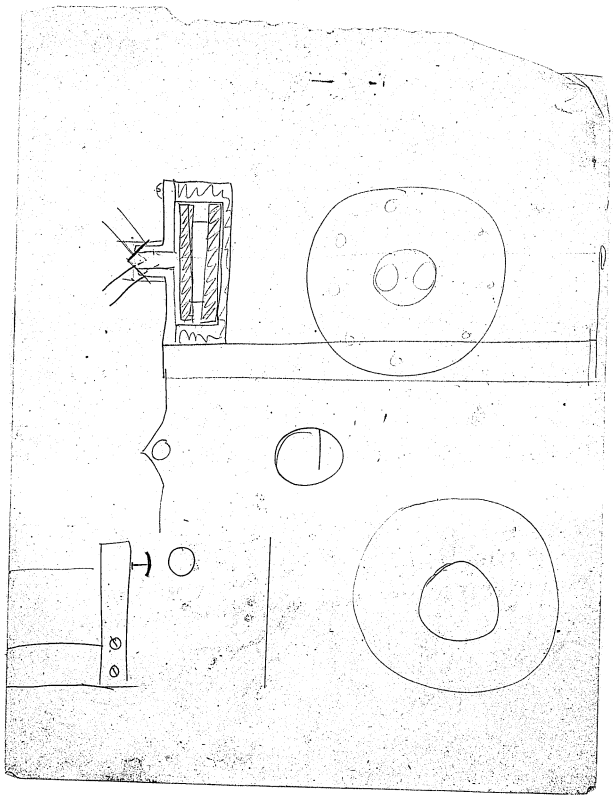
I put the drawing of the other instrument here push it along now I will be here early and explain.

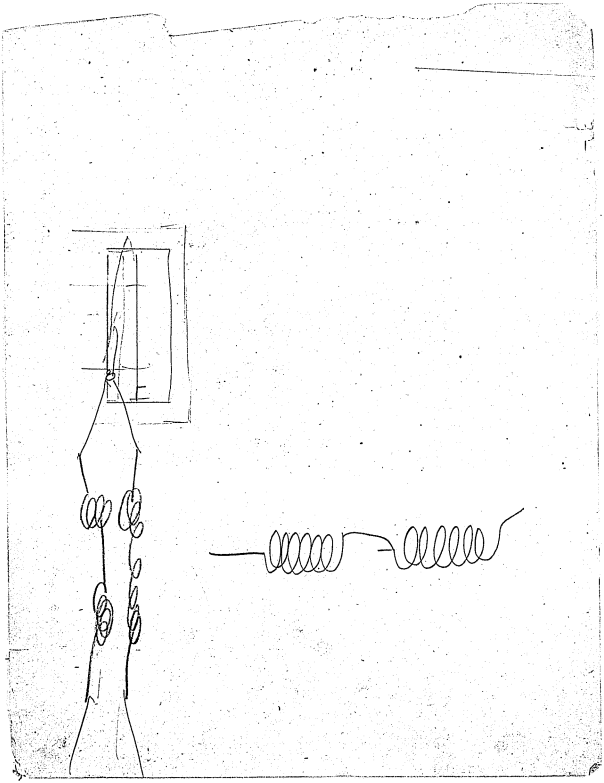
P.



Make lever a quarter inch longer on one side only & smaller

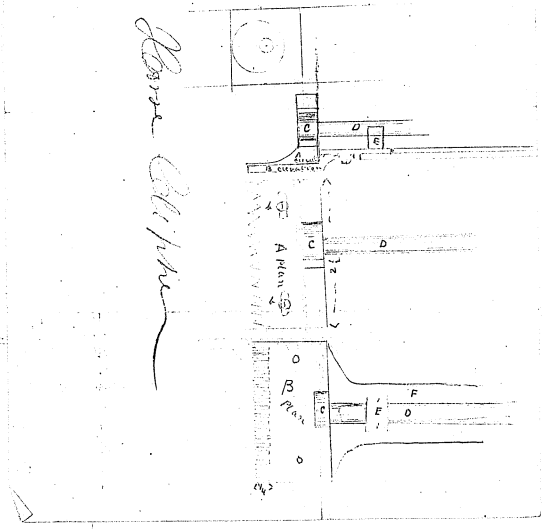




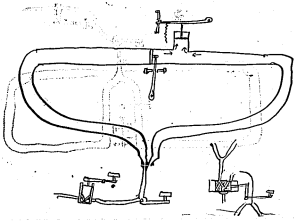


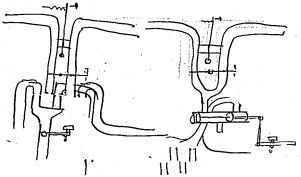
THE REDUCTION RATIO FOR THIS DOCUMENT IS 16:1

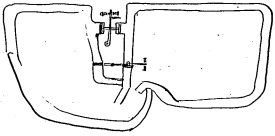
A is a movable post that slides across B motion obtained from the eccentric C on shaft D
D is connected to the electric motor
E is a bearing for the shaft D. F is the frame for holding the machine in the bench and also for attaching the electric motor. Some cloth for sewing & work through for guides.
The plate B is cut like a comb teeth about 1/8 inch the thickness plate A has the teeth V shape similar to a mowing machine knife. Length of teeth 2 1/4 inches

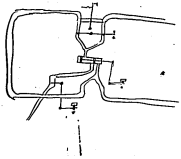


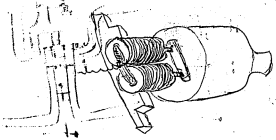
& passing into a cleaner the wire auch turning
it they only have to turn the cone & to fix
by the small end of the cone the commencement
of its machinery & to hold it tightly a-
gainst the 1st wheel in such a manner
that the projecting part into
the hollow part and once arrived at the large
end of the cone they fix it by means of a screw
or a rivet to the other end of the rack & it
then only remains to bear the whole by
placing some axles of tin in order that all
the wheels may be & at the
same time to the conical cylinder.

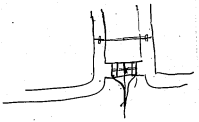


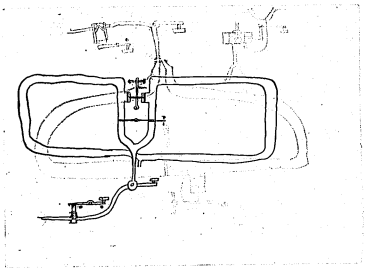


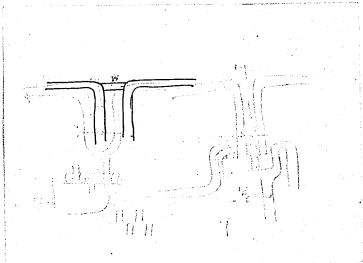


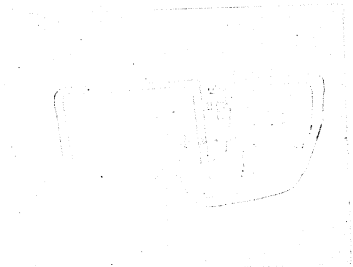


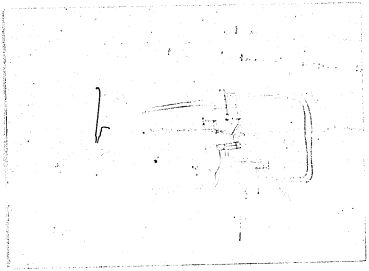


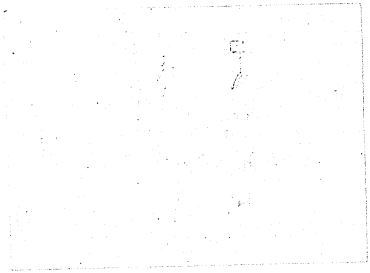


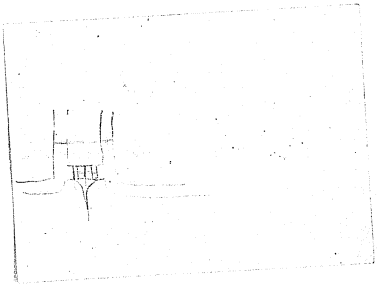












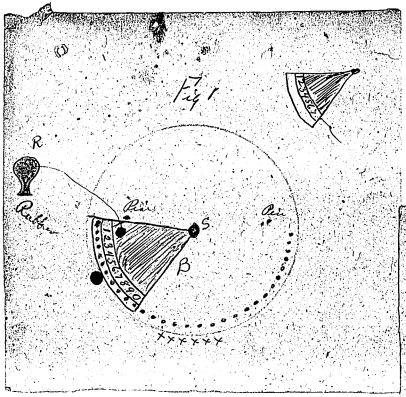


Fig 1
R
Rubber
S
B

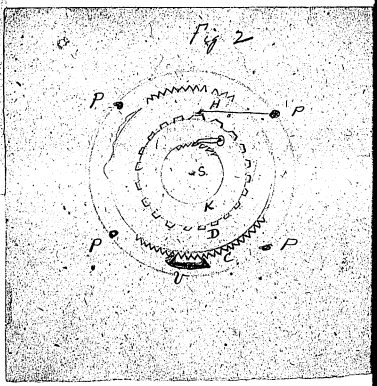
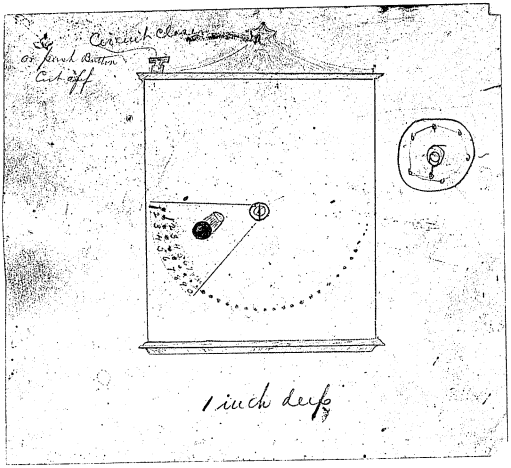
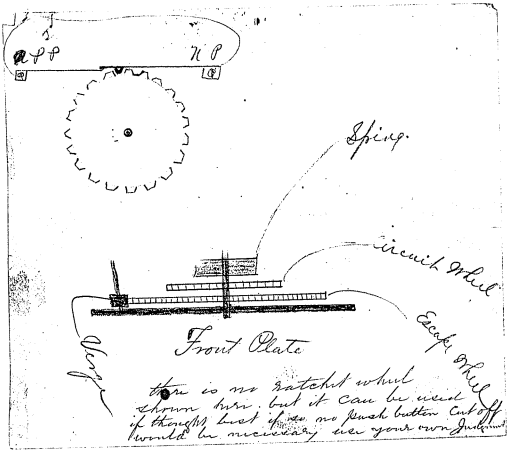


Fig 2
P
P
H
S
K
D
C
P
P

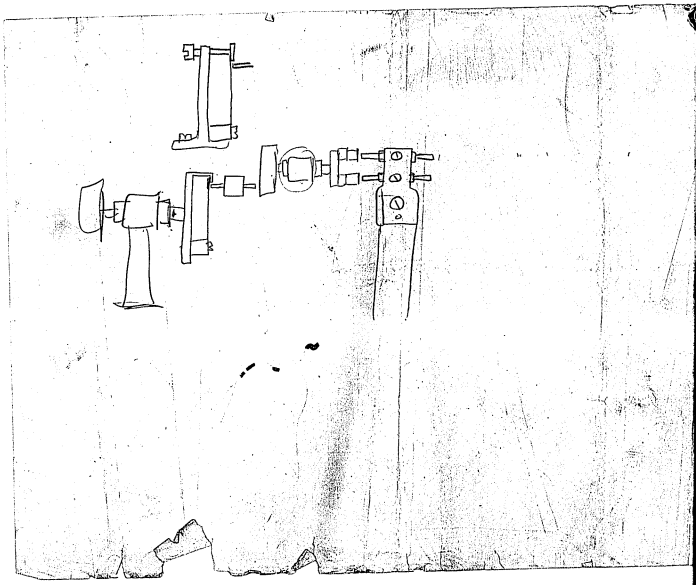

Catch
or push Button
Cut off
1 inch deep

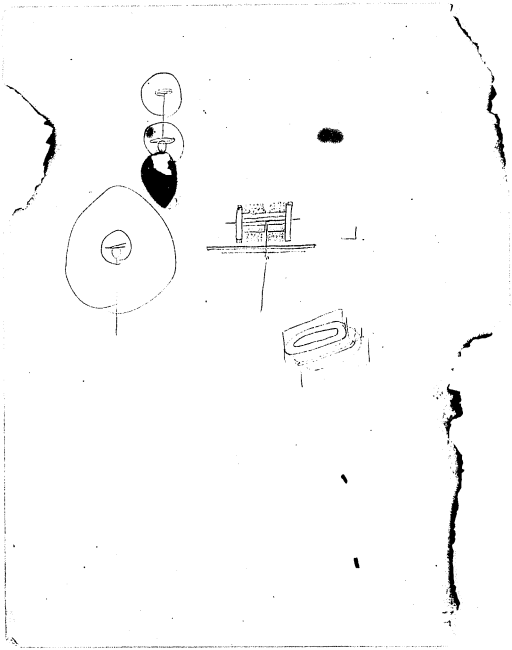

N P
Spring.
Escape Wheel
Front Plate
Escape
There is no ratchet wheel shown here, but it can be used if thought best. Also no push button Cut off would be necessary, use your own judgment

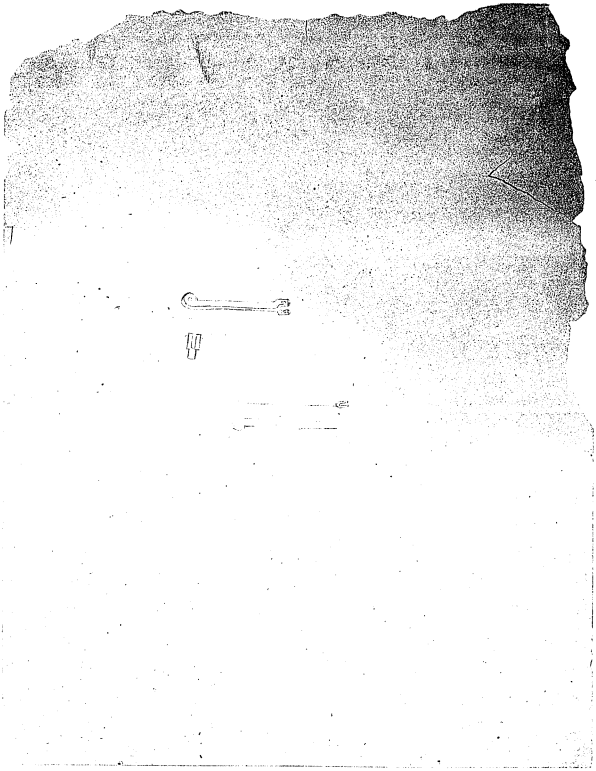
1

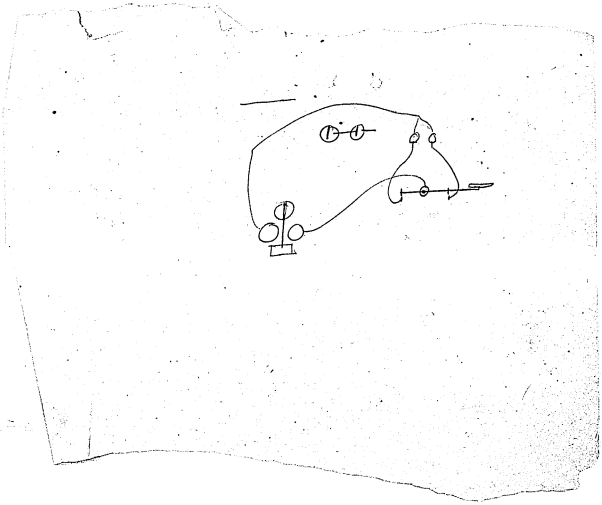
Fig 1 is the article complete, mainly in a ~~cross~~ longitudinal section. The parts used in its construction are a tube like fig 2 and two rubber bulbs like fig 3. The tube A may be of tin or wood 10 to 12 inches long, with perforations in the space of two inches from each end. If the tube is tin, an ordinary button a a should be soldered at each end to prevent its cutting the rubber. The diameter of the tube should be 5/8 or 3/4 inch. The Bulbs B are rubber, pear shaped, for ordinary size about 3 inches diameter and same length on line x-x, a neck b, 1/2 or 3/4 in long extending beyond b of a diameter to normally fit tight on tube A, A bulb is fastened to each end of tube, being passed over end & brought down so that the end

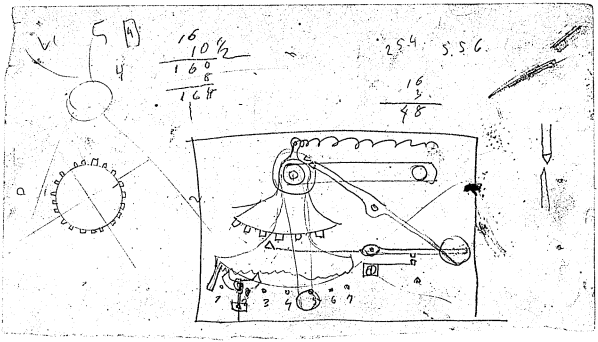
or rubber a rests against top of
tube, a little rubber cement is
put in neck & and it tightly mas-
tened to it by a fine wire or string
making an air tight joint. When
the bulbs are fastened on care is
to be taken that each is not more
than ⅔ full of air, which can
be done by slightly compressing
them as they are fastened on.
A being connected on this
by a piece of cloth, be loose-
ly thrown over one of the bulbs &
introduced into the chimney, the
operator grasping the other bulb to
manipulate the device, forces the
air from it thro' the tube to the other
bulb distending it and forcing the
loose cloth against the sides of
the chimney, so that by rotation &
reciprocation it may be easily cleaned.
The ordinary cleaners are wooden
or wire frames, occasionally







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254 5.56
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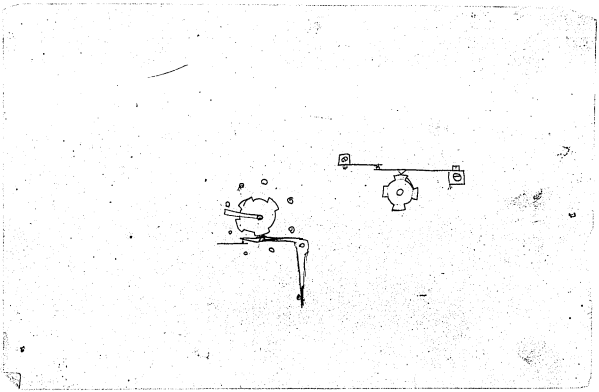
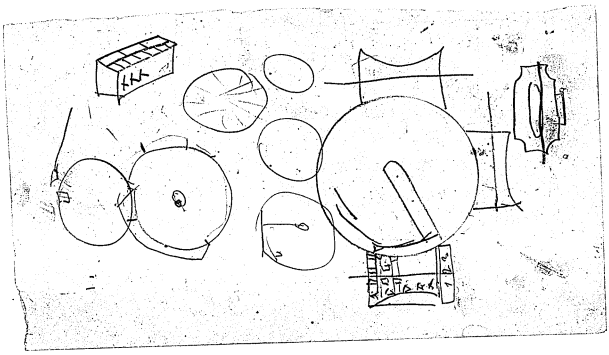
48

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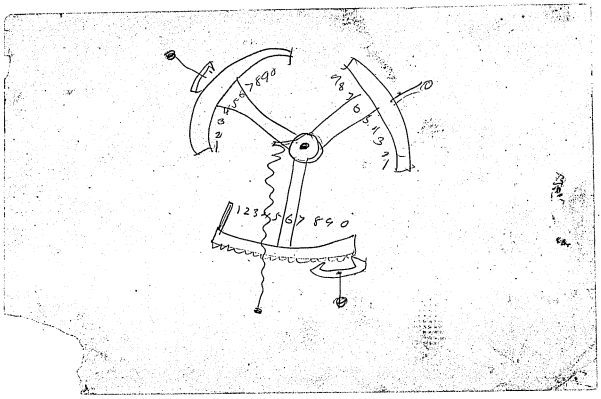
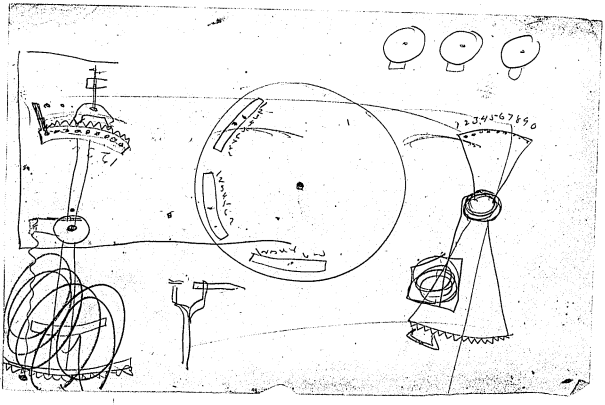
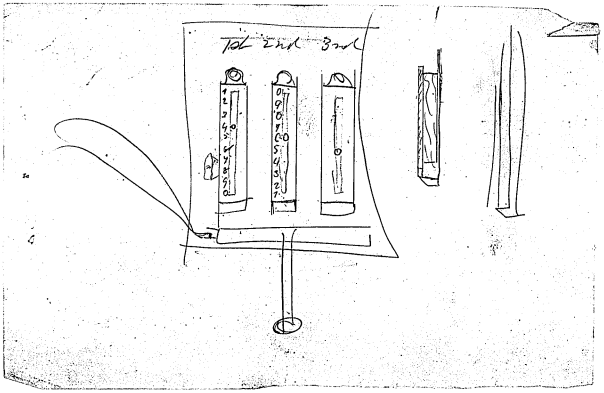
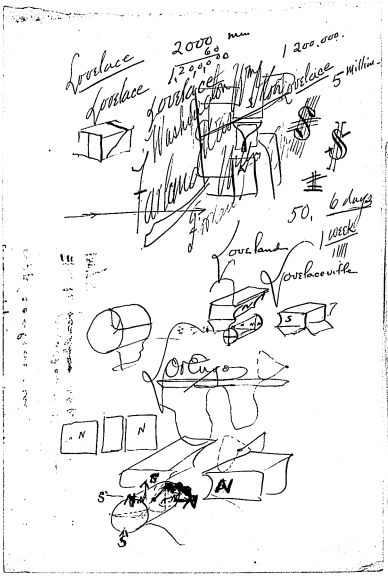





1st 2nd 3rd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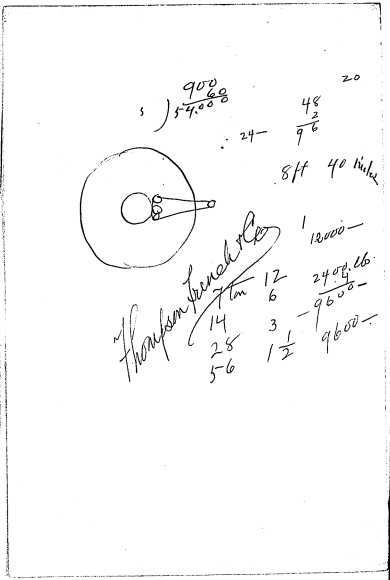
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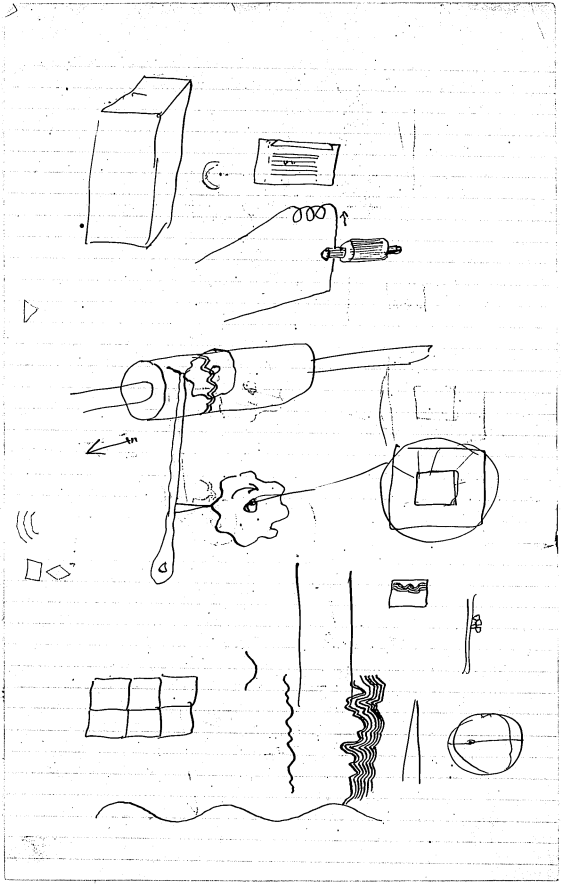

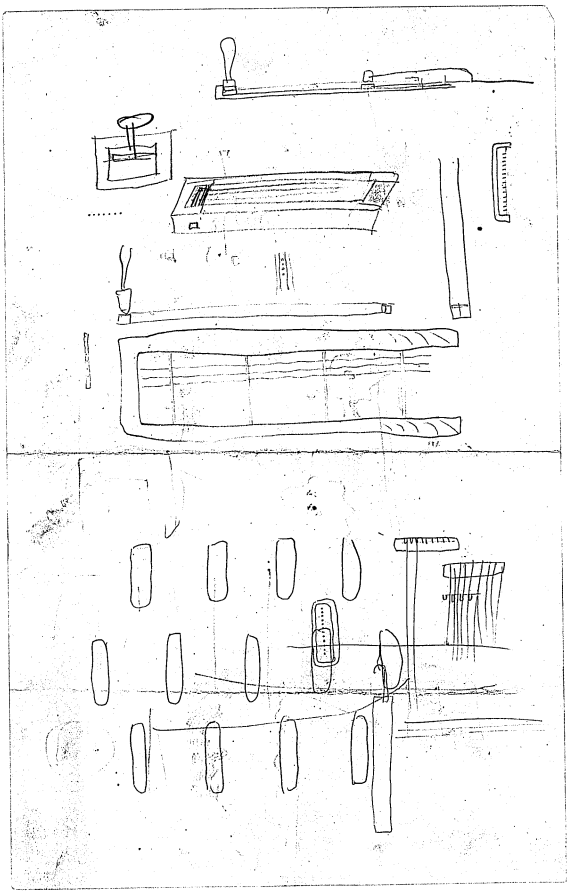

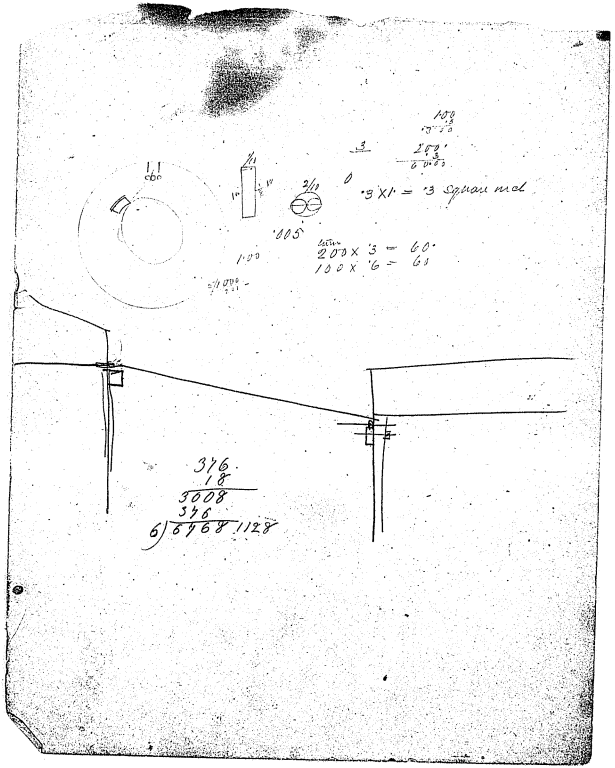
.3 X 1. = .3 Square rod
200 X .3 = 60.
100 X .6 = 60
376
18
3008
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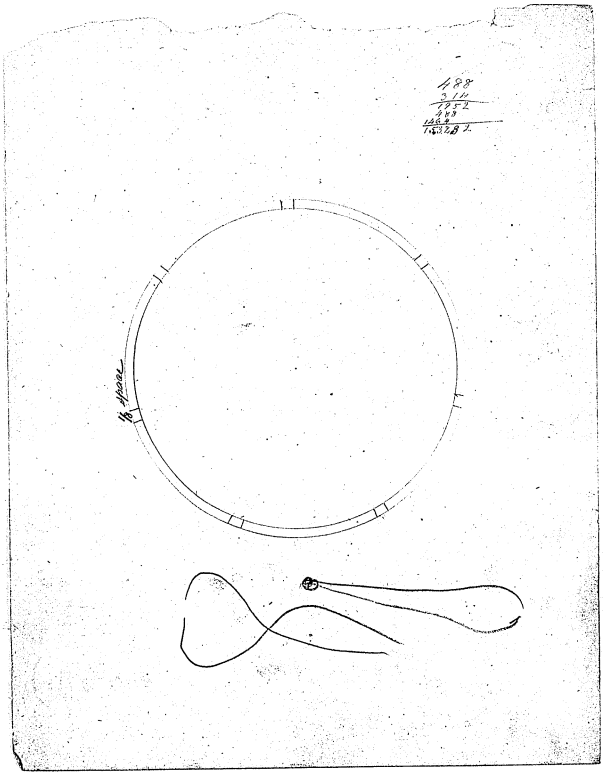
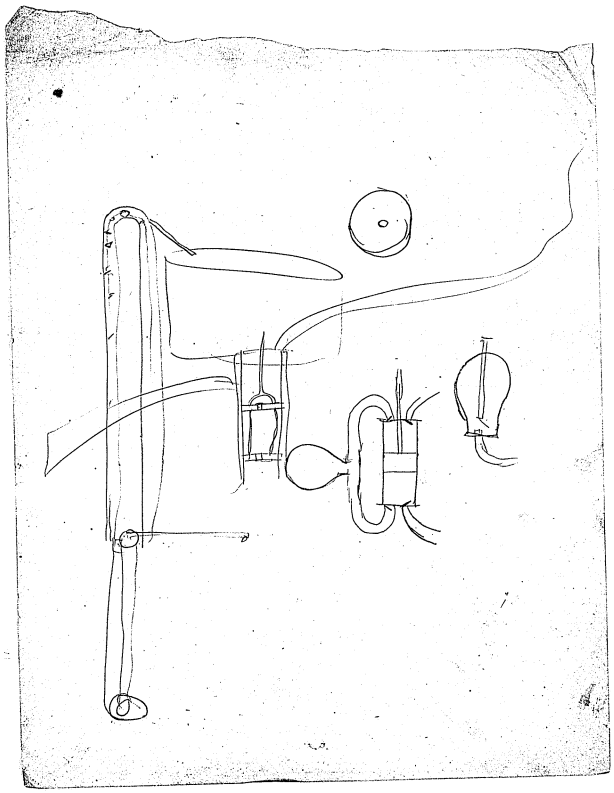
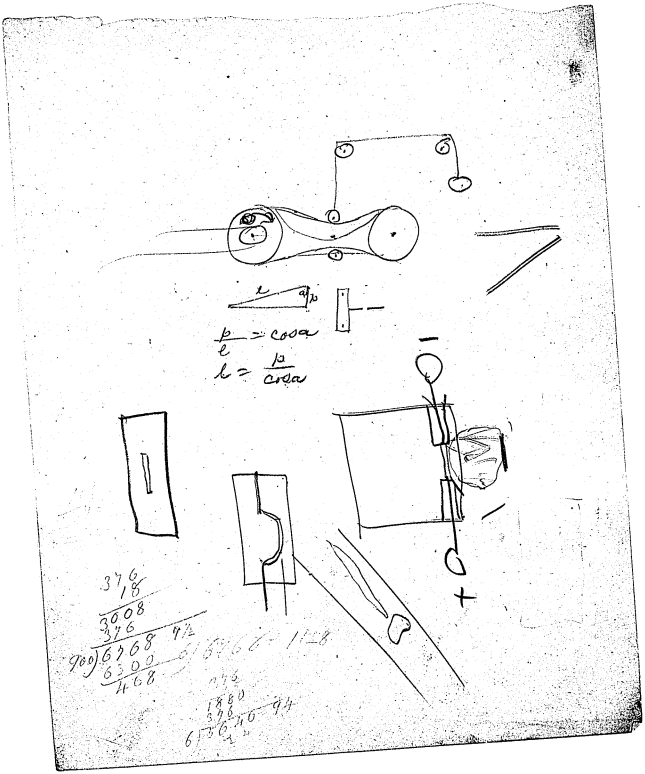
6)6768.1128



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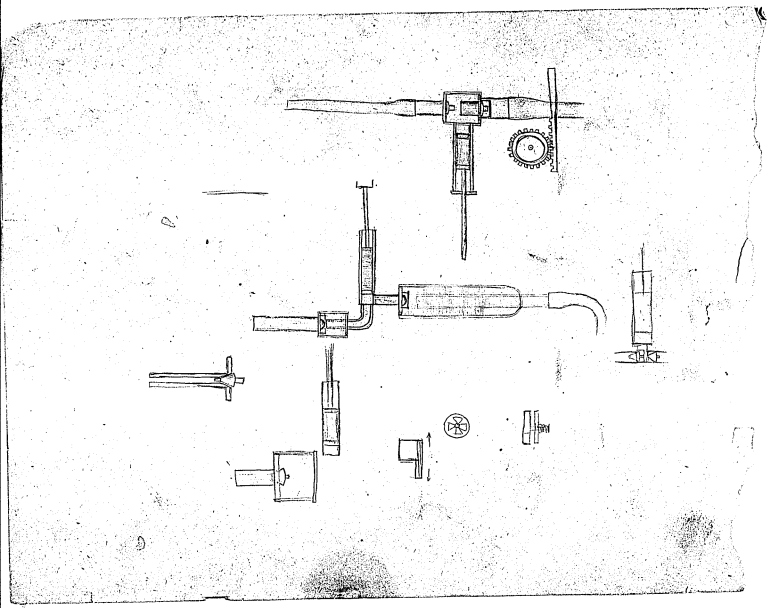
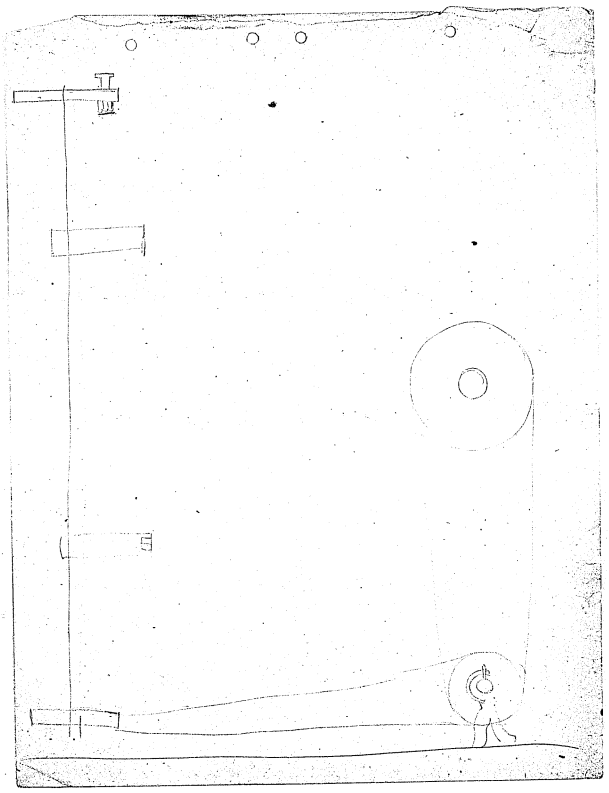
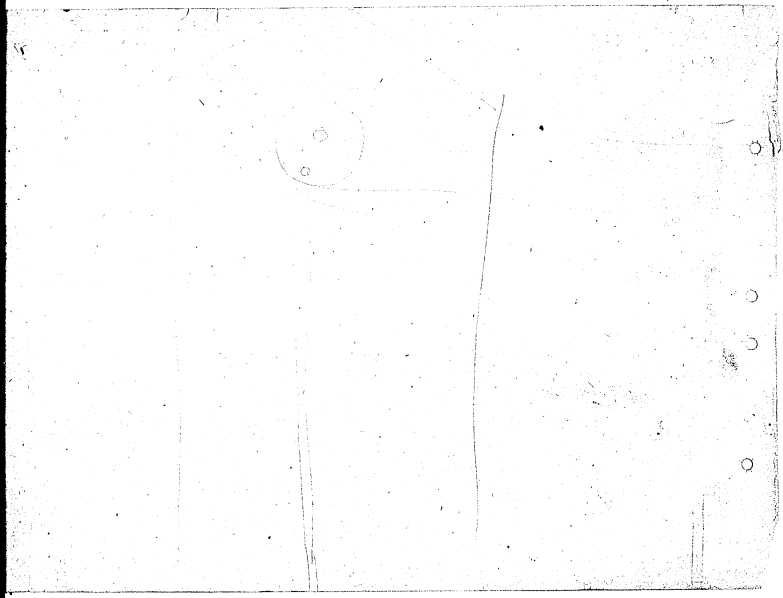


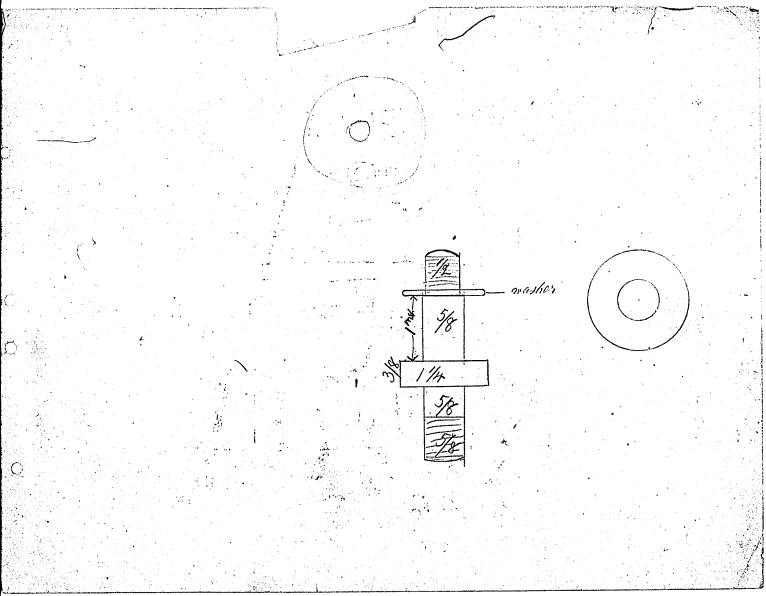
New York Thomas Edison

Shall you be at new Church Street
to morrow and what hour —

Sincerely John P. Woodbury






washer
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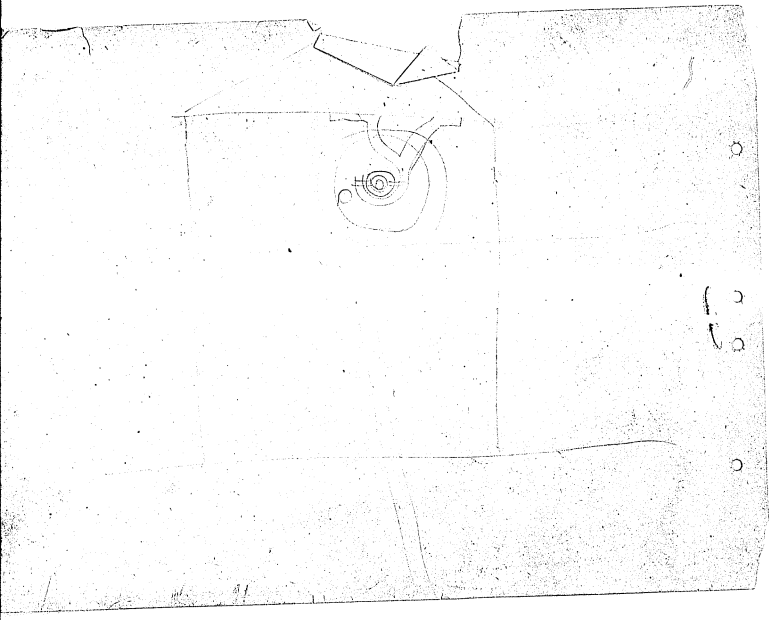
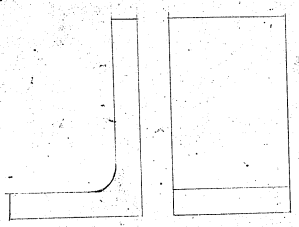
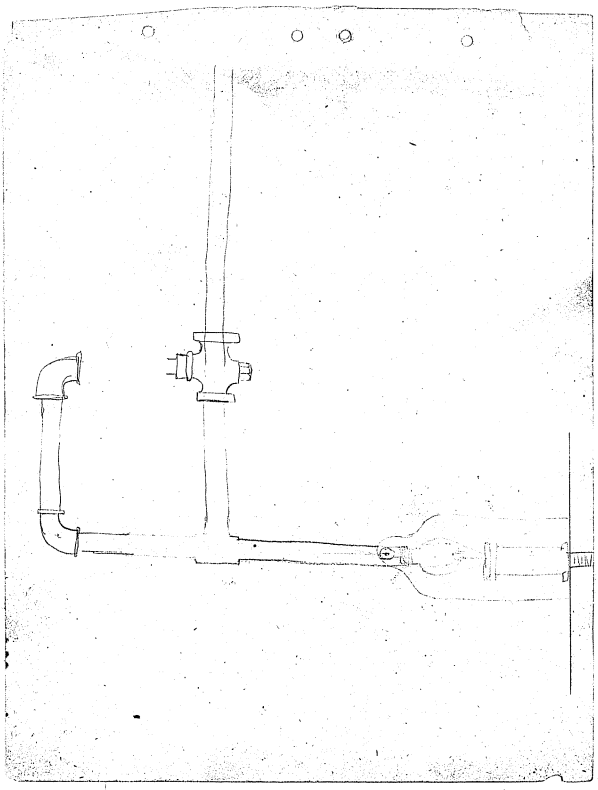
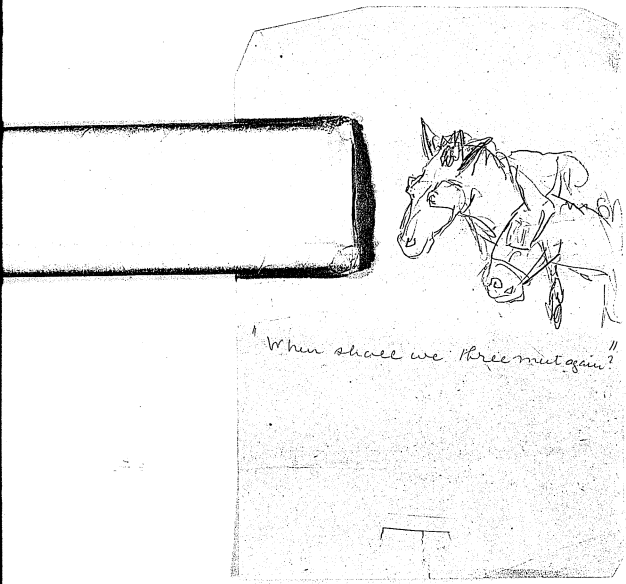


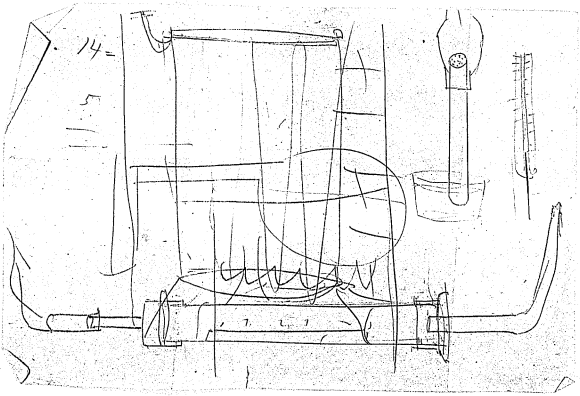


1	1 X 2	inch	1 in middle	3/8	thick L
1	2 X 3	"	1½ " "	"	"
1	2 X 4	"	" " "	½	"
1	2½ X 5	"	2 " "	½	"
1	1 X 1	"	1 " "	¼	"

8
10




"When shall we three meet again?"


14=